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SERIAL NO. ATTY, DOCKET NO. U.S. DEPARTMENT OF COMMERCE **SUBSTITUTE FORM PTO-1449** PATENT AND THAD BEAR TO THE CE IBM/04B (RO996-052L) 09/100,595 (MODIFIED) APPLICANT INFORMATION DISCLOSURE STATEMENT BY APPLICANT Joseph Phillip Bigus et al. **FILING DATE** GROUP (Use several sheets if necessary) 2762 June 19, 1998 (37 CFR 1.98(b)) CUMENTS U.S. PATENT FIEING DATE **EXAMINER ISSUE CLASS SUBCLASS** IF APPROPRIATE PATENT NUMBER **PATENTEE** DATE INITIAL 2 375 10/23/90 3 2 Q 395 07/12/94 Klein et al. 3 5 364 419.20 06/25/93 6 11/22/94 Kawamoto et al. B.B 5 200 08/29/91 3 6 6 3 11/22/94 395 B.C Bauer et al. 3 8 8 9 12/06/94 Johannes Klein 395 650 04/22/93 R.D 9 2 5 04/30/93 02/21/95 Mary R. Otto 379 265 B.E 3 9 8 0 2 340 825.03 11/24/92 B.F 03/14/95 Jeffrey H. Derby et al. 0 8 7 0 4 4 370 62 10/14/93 B.G 04/18/95 Lewis V. Rothrock et al. 2 3 07/08/93 B.H 5 0 1 05/30/95 Curtis A. Smith 395 650 2 700 B.I 5 4 3 0 4 3 06/06/95 Fitzpatrick et al. 395 01/21/94 5 2 B.J 6 8 6 11/07/95 Clare et al. 379 34 05/24/94 B.K 6 9 5 6 2 11/21/95 Christian D. Saether 395 182.18 06/26/92 FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS **DOCUMENT PUBLICATION** COUNTRY OR **TRANSLATION SUBCLASS** (YES/NO) NUMBER DATE PATENT OFFICE **CLASS** R.I 12/23/92 European Yes-EP0519109A1 Yes B.M EP0589249A2 03/30/94 European B.N EP0598534A1 05/25/94 European Yes Yes **B.O** EP0611210A1 08/17/94 European JP3195141 1991 Japan B.Q JP4157944 1992 Japan-OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) A.D. Kwok et al., "A Development System for Intelligent Agent Manufacturing Software", Integrated Manufacturing B.R Systems, 1994, Vol. 5 No. 4/5, pp.64-76. Barbara Hayes-Roth, "An architecture for adaptive intelligent systems", Artificial Intelligence, Jargary 1995, Volume B.S 72, Numbers 1-2, pp. 329-365. Stegfried R. Bocionek, "Agent systems that negotiate and learn", International Journal of Human-Computer Studies, B.T March 1995, Volume 42, No. 3, pp. 265-288. **DATE CONSIDERED EXAMINER** 25MAR99 EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and post considered. Include a copy of this form with next communication to applicant. Substitute Disclosure Form (P70-1449)

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